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REVISIONS			
EC	REV	DESCRIPTION	DATE
CPR	A	NEW RELEASE	07/21/05

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## 6. MODULE INFORMATION

NOTES: UNLESS OTHERWISE SPECIFIED.

1. PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR ELCON APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.
2. MATERIALS:
  - INSULATORS: THERMOPLASTIC, GLASS REINFORCED, COLOR-BLACK, UL94V-0 FLAMMABILITY RATED.
  - COMPLIANT SIGNAL PIN: PHOSPHOR BRONZE ALLOY.
  - POWER CONTACTS: PHOSPHOR BRONZE ALLOY, COPPER ALLOY.
  - CROWN BANDS: BERYLLIUM COPPER ALLOY.

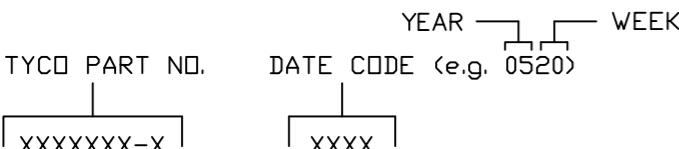
### 3. FINISHES:

CONTACTS: GOLD PLATED PER MIL-G-45204 TYPE II, CLASS 0,  
.000030" MIN. THK, OVER NICKEL PER QQ-N-290,  
CLASS 2, .000040" MIN. THICKNESS.

TERMINALS: TIN PLATED, MATTE FINISH  
.000040" MIN. THICKNESS.

**4** MOUNTING FLANGES ACCEPT M3 OR NO. 4 SCREWS, (USER SUPPLIED).

5. ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER:



 <b>THIRD ANGLE PROJECTION</b>	DRAWN R. F. A.	DATE 07/20/05	 Tyco Electronics Corporation Menlo Park, Ca 94025	
	CHECKED			
<b>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]</b>  <b>TOLERANCES</b>  <b>ANGLES <math>\pm .5^\circ</math></b>  <b>DECIMALS</b>  $.XX \pm .25 [.010]$  $.X \pm .5 [.020]$	APPROVED		<b>TITLE</b>  CONNECTOR, PIN, STRAIGHT COMPLIANT TAILS, FLATPAQ PN 6651717-1	
	APPROVED			
	D. CHAU	08/01/05		
	DCA APPROVED M. ALIM	08/02/05		
<b>ACAD FILE NUMBER</b> C6651717A.DWG		<b>SIZE</b> B	<b>DWG NUMBER</b> C - 6651717	<b>REV.</b> A

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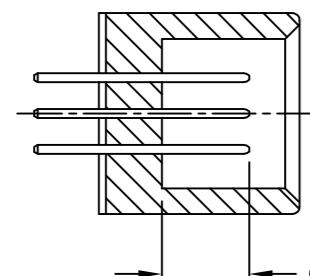
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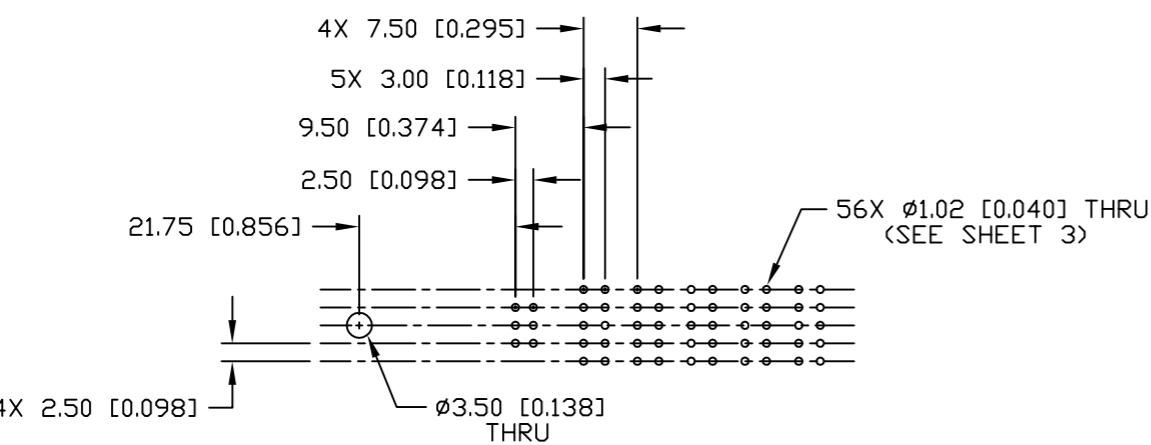
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## REVISIONS

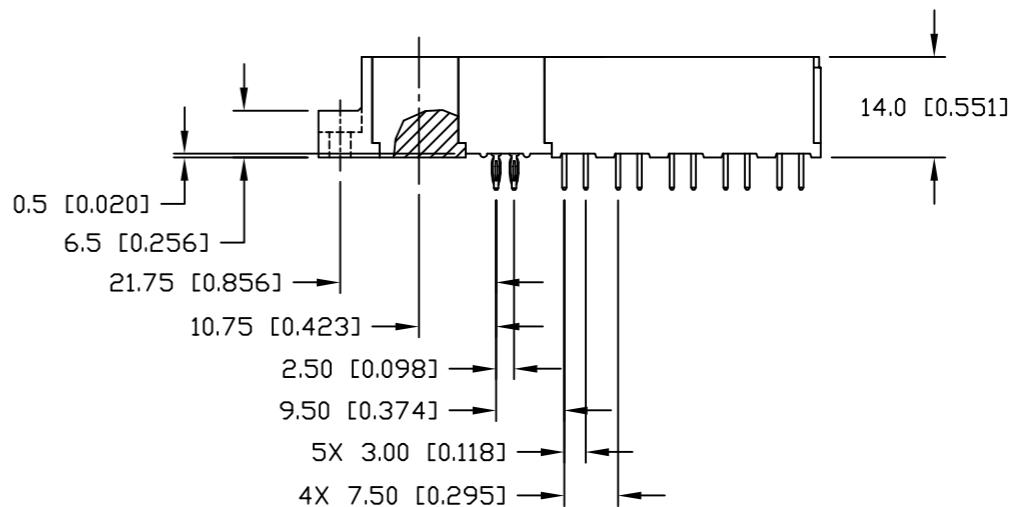
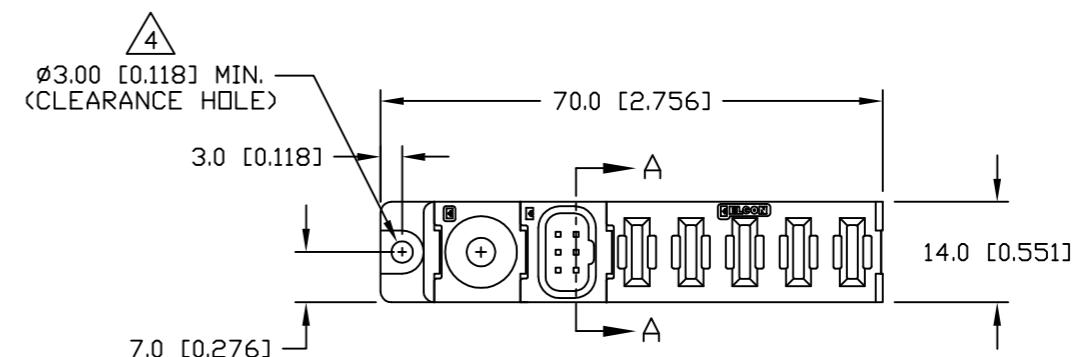
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



SECTION A-A

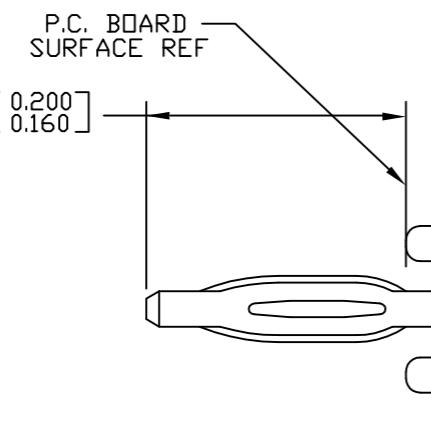


PRINTED CIRCUIT LAYOUT



 <b>THIRD ANGLE PROJECTION</b>	DRAWN	DATE	 <b>Tyco Electronics</b>	<b>TITLE</b> CONNECTOR, PIN, STRAIGHT COMPLIANT TAILS, FLATPAQ PN 6651717-1
	CHECKED			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]	APPROVED			
TOLERANCES	APPROVED			
ANGLES $\pm .5^\circ$	D. CHAU	08/01/05		
DECIMALS	DCA APPROVED			
.XX $\pm .25$ [.010]	M. ALIM	08/02/05	<b>SIZE</b> B <b>DWG NUMBER</b> C - 6651717 <b>REV.</b> A	<b>DWG SCALE</b> 1 = 1 <b>SH 2 OF 3</b>
.X $\pm .5$ [.020]	ACAD FILE NUMBER	C6651717A.DWG		

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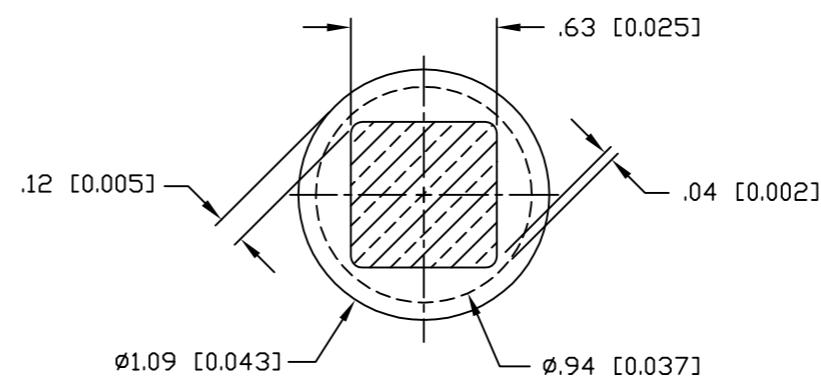


### COMPLIANT PIN DETAIL

#### INSERTION/EXTRACTION FORCES

MAXIMUM PUSH-IN: 133.3N PER PIN  
[30 LBS]

MINIMUM PUSH-OUT: 44.4N PER PIN  
[10 LBS]



### SOLDER TERMINATION AREA

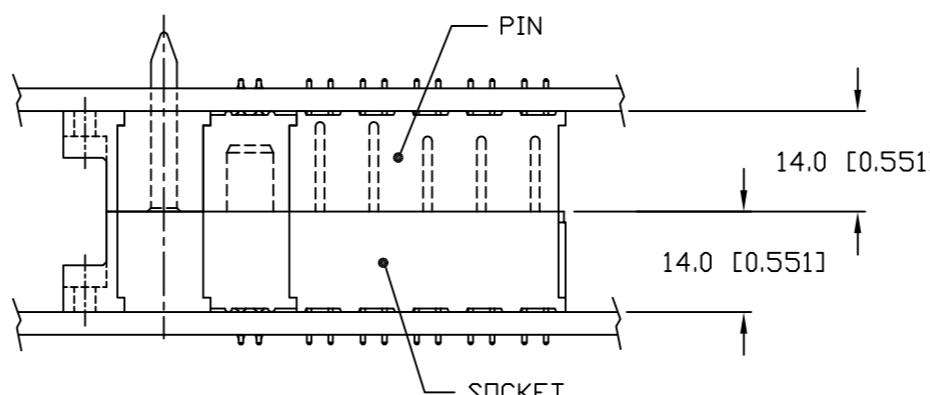
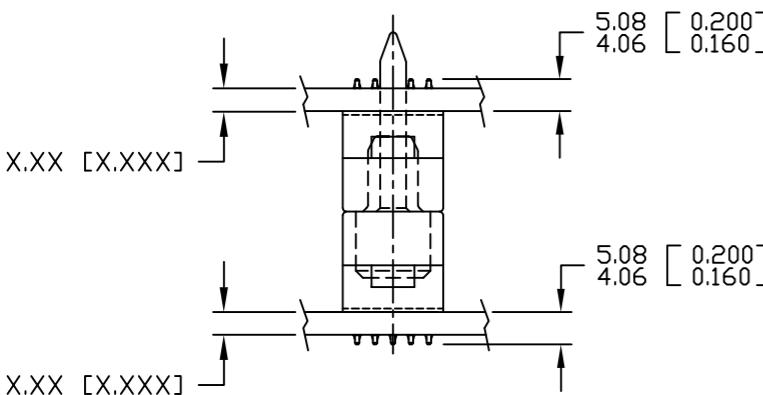
#### RECOMMENDED PRINTED CIRCUIT HOLE

FINISHED HOLE: Ø1.02 [0.040] ±.08 [0.003]

DRILLED HOLE: Ø1.15 [0.0453] ±.013 [0.005]

COPPER PLATE: .025 [0.0010] MINIMUM (PER SURFACE)

TIN PLATE: .008 [0.0003] MINIMUM (PER SURFACE)



### MATED CONDITION

MM OR MM [INCH]		DRAWN	DATE	tyco	
INCH		R. F. A.	07/20/05	Electronics	
THIRD ANGLE PROJECTION		CHECKED		Tyco Electronics Corporation Menlo Park, Ca 94025	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]		APPROVED		ELCON	
TOLERANCES		APPROVED			
ANGLES $\pm .5^\circ$		D. CHAU	08/01/05		
DECIMALS		DCA APPROVED			
.XX $\pm .25$ [.010]		M. ALIM	08/02/05	SIZE	DWG NUMBER
.X $\pm .5$ [.020]		ACAD FILE NUMBER	C6651717A.DWG	C - 6651717	
				REV.	A
				DWG SCALE	1 = 1
				SH	3 OF 3

# Mouser Electronics

Authorized Distributor

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[6651717-1](#)